



Attorney's Docket No. 42P13967D2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)	
)	
Johnson et al.)	Examiner: Not Yet Assigned
)	
Application No.: 10/617,075)	Art Unit: 2818
)	
Filed: July 9, 2003)	
)	
For: SPATIALLY-SPECTRALLY SWEPT)	
OPTICAL MEMORIES AND ADDRESSING)	
METHODS)	
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

XX 37 C.F.R. §1.97(b).

_____ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

_____ A statement pursuant to 37 C.F.R. §1.97(e) or

_____ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

_____ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

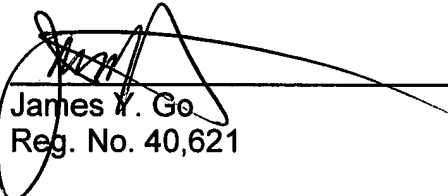
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 1-14-04


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CERTIFICATE OF MAILING:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 14, 2004.
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Luci M. Arevalo

(Typed or printed name of person mailing correspondence)


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Comple if Known

Application Number	10/617,075
Filing Date	July 9, 2003
First Named Inventor:	Johnson et al.
Art Unit	2818
Examiner Name	Not Yet Assigned
Attorney Docket Number	42P13967D2

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	1.	US-	3,896,420	07/22/1975	Szabo	
	2.	US-	4,101,976	07/18/1978	Castro et al.	
	3.	US-	4,459,682	07/10/1984	Mossberg	
	4.	US-	4,670,854	06/02/1987	Mossberg et al.	
	5.	US-	5,204,770	04/20/1993	Kachru et al.	
	6.	US-	5,276,637	01/04/1994	Mossberg	
	7.	US-	5,369,665	11/29/1994	Bai et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner f r Patents, P.O. B x 1450, Alexandria, Virginia 22313-1450.

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Substitute for Form 1449/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/617,075	
		Filing Date	July 9, 2003	
		First Named Inventor:	Johnson et al.	
		Art Unit	2818	
		Examiner Name	Not Yet Assigned	
2	of	2	Attorney Docket Number	42P13967D2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	8.	BABBITT, W.R., et al., "Quasi-Two-Dimensional Time-Domain Color Memories: Process Limitations and Potentials," J. Opt. Soc. Am. B 11: 1948-1953 (1994)	
	9.	EQUALL, R.W., et al., "Ultraslow Optical Dephasing in Eu ³⁺ :Y ₂ SiO ₅ ," Phys. Rev. Lett. 72:2179-2182 (1994)	
	10.	HUANG, J., et al., "Excess Dephasing in Photon-Echo Experiments Arising from Excitation-Induced Electronic Level Shifts," Phys. Rev. Lett. 63:78-81 (1989)	
	11.	LIN, H., et al., "Demonstration of 8-Gbit/in. ² Areal Storage Density Based on Swept-Carrier Frequency-Selective Optical Memory," Optics Letters 20:1658-1660 (1995)	
	12.	MACFARLANE, R.M., "Photon-Echo Measurements on the Trivalent Thulium Ion," Optics Letters 18:1958-1960 (1993)	
	13.	MOSSBERG, T.W., "Time-Domain Frequency-Selective Optical Data Storage," Optics Letters 7:77-79 (1982)	
	14.	MOSSBERG, T.W., "Swept-Carrier Time-Domain Optical Memory," Optics Letters 17:535-537 (1992)	

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English translation is attached.

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